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<110> VOISSET, Cecile

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Pro Arg Thr Tyr Ser Gly Glu Leu Gly Pro Met His Ser Asp Ala Lys

10 15

Lys Glu Thr Ile Tyr Ile Leu Leu Gln Tyr Arg Leu Ala Thr Ile Ser 20 25 30

Ser Ser Arg Glu Arg Asn Leu Ala Ser Gly Lys Tyr Lys Leu His His 35 40 45

Leu Thr Ala Arg Pro Leu Leu Lys Gly Gln Met Glu Ser Ala Ile 50 55 60

Cys Ala Asn Phe Leu Phe Ile Lys Arg Gln Leu Thr Ile Met Lys Val 65 70 75 80

Trp Phe Met Pro Tyr Arg Lys Pro Ser Glu Ser Thr Ser Leu Pro Gln
85 90 95

Arg Pro Leu Pro Asp Ser Phe Leu Asn Gly Pro Pro Phe Asn Pro Asn 100 105 110

Gly Pro Lys Gly Asp Arg Gln Arg Gly Lys Gln Thr Lys Glu Cys Gln
115 120 125

Tyr Ser Pro Ile Met Pro Pro Pro Ser Ser Glu Arg Arg Ile Arg 130 135 140

Pro Ser Gln Ser Ala Cys Thr Phe Phe Ser Leu Arg Leu Lys Ala Asn 145 150 155 160

Asn Arg Pro Arg Ile Leu Arg Pro Arg Leu Tyr Cys Phe Thr Arg Val 165 170 175

Arg Thr Ile Leu Ser Asp Met Glu Arg Tyr Asn Val Thr Thr Lys Ser 180 185 190

Asp Thr Asn Pro Lys Glu Lys Cys Arg Cys Asn Cys Ser Pro Arg Val 195 200 205

Trp Arg Ser Leu Val Ser Gln Ser Gly Gln Gln Asp Asp Asn Arg Gly 210 215 220

Lys Asn Asn Ser His Arg Pro Ala Gly Ser Ser Gln Cys Arg Pro Ser 225 230 235 240

Leu Gly His Arg Ile Arg Thr Trp Arg Leu Val Pro Gln Thr Phe Ala 245 250 255

Asn Leu Arg Ala Arg Thr Glu Glu Asn Glu Glu Ala Tyr Glu Leu 260 265 270

Leu Asn Asp Val His Tyr Asn Thr Gly Lys Gly Arg Lys Ser Tyr Cys 275 280 285

Phe Ser Gly Gln Thr Lys Gly Gly Ile Glu Glu Ala Tyr Leu Pro Val 290 295 300 .

Thr Leu Tyr Arg Pro Thr Asn Leu Lys Gly Val Tyr His Ser Val Ser 305 310 315

Cys Arg His Lys Leu Gln Lys Ser Ala Leu Gly Pro Glu Gln Asn 325 330 335

Leu Glu Thr Leu Phe Asn Leu Ala Ser Ser Val Phe Tyr Asn Arg Asp 340 345 350

Gln Glu Gln Ala Lys Arg Asp Lys Arg Asp Lys Lys Arg Gly 355 360 365

Gly Pro Leu Leu Ser Trp Pro Ser Gly Lys Gln Thr Leu Glu Ala Leu 370 375 380

Gln Lys Gly Lys Ala Gly Gln Ile Lys Cys Leu Ile Gly Leu Ala Ser 385 390 395 400

Ser Ala Val Tyr Lys Asp Thr Leu Lys Lys Ile Ile Gln Val Glu Ile 405 410 415

Ser Arg Pro Leu Val His Ala Pro Tyr Val Lys Gly Ile Thr Gly Arg 420 425 430

Pro Thr Ala Pro Gly Asp Glu Asp Thr Leu Ser Gln Lys Pro Leu Thr 435 440 445

Arg Ser Ser Ser Arg Thr Glu Gly Ala Arg Gly Glu Arg Gln Pro Met 450 460

Pro Ser Pro Ser Gln Ser Pro Gly Tyr Val Pro Leu Arg Ala 465 470 475

<210> 35

<211> 493

<212> PRT

<213> Homo Sapiens

<400> 35

Leu Glu Arg Ile Leu Glu Asn Trp Asp Gln Cys Asp Thr Gln Thr Leu $1 \hspace{1.5cm} 5 \hspace{1.5cm} 10 \hspace{1.5cm} 15$

Arg Lys Lys Arg Phe Ile Phe Phe Cys Ser Thr Ala Trp Pro Gln Tyr 20 25 30

Pro Leu Gln Gly Arg Glu Thr Trp Leu Pro Glu Gly Ser Ile Asn Tyr 35 40 45

Asn Ile Ile Leu Gln Leu Asp Leu Phe Cys Arg Lys Glu Gly Lys Trp 50 55 60

Ser Glu Val Pro Tyr Val Gln Thr Phe Phe Ser Leu Arg Asp Asn Ser 65 70 75 80

Gln Leu Cys Lys Lys Cys Gly Leu Cys Pro Thr Gly Ser Pro Gln Ser 85 90 95

Pro Pro Pro Tyr Pro Ser Val Pro Ser Pro Thr Pro Ser Ser Thr Asn 100 105 110

Lys Asp Pro Pro Leu Thr Gln Thr Val Gln Lys Glu Ile Asp Lys Gly 115 120 125

Val Asn Asn Glu Pro Lys Ser Ala Asn Ile Pro Arg Leu Cys Pro Leu 130 135 140

Gln Ala Val Arg Gly Gly Glu Phe Gly Pro Ala Arg Val Pro Val Pro 145 150 155 160

Phe Ser Leu Ser Asp Leu Lys Gln Ile Lys Ile Asp Leu Gly Lys Phe 165 170 175

Ser Asp Asn Pro Asp Gly Tyr Ile Asp Val Leu Gln Gly Leu Gly Gln 180 185 190

Ser Phe Asp Leu Thr Trp Arg Asp Ile Met Leu Leu Leu Asn Gln Thr 195 200 205

Leu Thr Pro Asn Glu Arg Ser Ala Ala Val Thr Ala Ala Arg Glu Phe 210 220

Gly Asp Leu Trp Tyr Leu Ser Gln Ala Asn Asn Arg Met Thr Thr Glu 225 230 235 240

Glu Arg Thr Thr Pro Thr Gly Gln Gln Ala Val Pro Ser Val Asp Pro 245 250 255

His Trp Asp Thr Glu Ser Glu His Gly Asp Trp Cys His Lys His Leu 260 265 270

Leu Thr Cys Val Leu Glu Gly Leu Arg Lys Thr Arg Lys Lys Pro Met 275 280 285

Asn Tyr Ser Met Met Ser Thr Ile Thr Gln Gly Lys Glu Glu Asn Leu 290 295 300

Thr Ala Phe Leu Asp Arg Leu Arg Glu Ala Leu Arg Lys His Thr Ser

Leu Ser Pro Asp Ser Ile Glu Gly Gln Leu Ile Leu Lys Asp Lys Phe 325 330 335

Ile Thr Gln Ser Ala Ala Asp Ile Arg Lys Asn Phe Lys Ser Leu Pro 340 345 350

Ala Arg Ser Arg Thr Lys Pro Tyr Leu Thr Trp His Pro Gln Phe Phe 355 360 365

Ile Ile Glu Ile Arg Arg Ser Arg Arg Asn Gly Thr Asn Gly Ile Lys 370 375 380

Lys Lys Gly Gly Val His Tyr Phe Ser His Gly Pro Gln Ala Ser Arg 385 390 395 400

Leu Trp Arg Leu Cys Lys Arg Glu Lys Leu Gly Lys Ser Asn Ala Gly
405 410 415

Trp Leu Pro Val Arg Ser Thr Arg Thr Leu Lys Arg Leu Ser Lys Lys 420 425 430

Ala Ala Pro Leu Ser Met Pro Leu Thr Ser Arg Glu Ser Leu Glu Gly 435 440 445

Pro Leu Pro Gln Gly Met Lys Ile Leu Val Arg Ser His Pro Asp Asp 450 455 460

Pro Ala Ala Gly Leu Arg Val Pro Gly Ala Ser Ala Ser Pro Cys His 465 470 475 480

His Pro His Arg Ala Pro Gly Met Phe Asp His Glu Pro 485

<210> 36

<211> 467

<212> PRT

<213> Homo sapiens

<400> 36

Asn Val Phe Trp Arg Ile Gly Thr Asn Val Thr Leu Arg Arg Glu Arg $1 \hspace{1cm} 5 \hspace{1cm} 10 \hspace{1cm} 15$

Asn Asp Leu Tyr Ser Ser Ala Val Pro Pro Gly His Asn Ile Leu Phe 20 25 30

Lys Gly Glu Lys Pro Gly Phe Leu Arg Glu Val Ile Ile Thr Ser Ser 35 40 45

Tyr Ser Thr Ser Ser Val Glu Arg Arg Ala Asn Gly Val Lys Cys His 50 60

Met Cys Lys Leu Ser Phe His Glu Thr Thr His Asn Tyr Val Lys Ser 65 70 75 80

Val Val Tyr Ala Leu Gln Glu Ala Leu Arg Val His Leu Pro Thr Pro 85 90 95

Ala Ser Pro Pro Arg Leu Leu Pro Gln Leu Ile Arg Thr Pro Leu Pro 100 105 110

Lys Arg Ser Lys Arg Arg Thr Lys Gly Thr Met Asn Gln Arg Val Pro 115 120 125

Ile Phe Pro Asp Tyr Ala Pro Ser Lys Gln Glu Glu Glu Asn Ser Ala 130 135 140

Gln Pro Glu Cys Leu Tyr Leu Phe Leu Ser Gln Thr Ser Lys Leu Lys 145 150 155 160

Thr Val Asn Ser Gln Ile Thr Leu Thr Ala Ile Leu Met Phe Tyr Lys 165 170 175

Gly Asp Asn Pro Leu Ile His Gly Glu Ile Cys Tyr Tyr Ile Arg His 180 185 190

Pro Gln Met Arg Glu Val Pro Leu Leu Gln Pro Glu Ser Leu Ala Ile 195 200 205

Phe Gly Ile Ser Val Arg Pro Thr Ile Gly Gln Gln Arg Lys Glu Gln 210 215 220

Leu Pro Gln Ala Ser Arg Gln Phe Pro Val Thr Leu Ile Gly Thr Gln 225 230 235 240

Asn Gln Asn Met Glu Ile Gly Ala Thr Asn Ile Cys Leu Ala Cys Lys 245 250 255

Asp Gly Lys Leu Gly Arg Ser Leu Ile Thr Gln Cys Pro Leu His Arg 260 265 270

Glu Arg Lys Lys Ile Leu Leu Phe Trp Thr Asp Gly Arg His Gly 275 280 285

Ser Ile Pro Pro Cys His Leu Thr Leu Leu Lys Ala Asn Ser Arg Ile 290 295 300

Ser Leu Ser Leu Ser Gln Leu Gln Thr Leu Glu Lys Thr Ser Lys Val 305 310 315 320 Cys Leu Arg Pro Gly Ala Glu Leu Arg Asn Pro Ile Leu Gly Ile Leu 325 330 335

Ser Phe Leu Arg Ser Gly Gly Ala Gly Glu Thr Gly Gln Thr Gly Lys 340 345 350

Lys Lys Gly Gly Ser Thr Thr Leu Val Met Ala Leu Arg Gln Ala Asp \$355\$

Phe Gly Gly Ser Ala Lys Gly Lys Ser Trp Ala Asn Gln Met Pro Asn 370 375 380

Arg Ala Gly Phe Gln Cys Gly Leu Gln Gly His Phe Lys Lys Asp Tyr 385 390 395 400

Pro Ser Arg Asn Lys Pro Pro Pro Cys Pro Cys Pro Leu Arg Gln Gly 405 410 415

Asn His Trp Lys Ala His Cys Pro Arg Gly Arg Tyr Ser Glu Ser Glu . 420 425 430

Ala Ile Asn Gln Met Ile Gln Gln Gln Asp Gly Cys Pro Gly Arg Ala 435 440 445

Pro Ala His Ala Ile Thr Leu Thr Glu Pro Arg Val Cys Leu Thr Ile 450 455 460

Glu Ser Gln 465